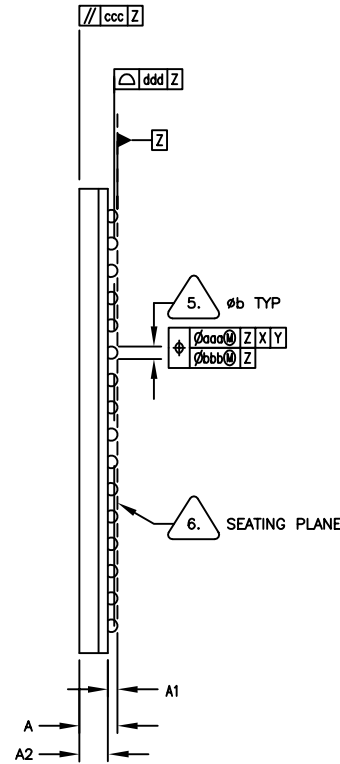
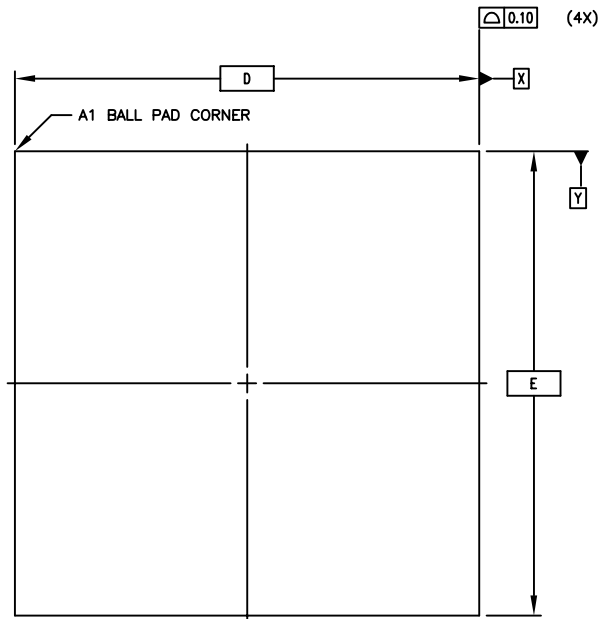


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
01	COMBINE POD & LAND PATTERN	05/14/13	RC
02	UPDATE TO REVISION 2 IN DCP	12/5/14	RC



SYMBOL	JEDEC VARIATION			NOTE
	AAF-1			
	MIN	NOM	MAX	
A	1.66	1.76	1.86	
A1	.31	.36	.41	
D	17.00 BSC			
D1	15.00 BSC			
E	17.00 BSC			
E1	15.00 BSC			
MD	16			3
ME	16			3
N	256			4
e	1.00 BSC			
b	.41	.46	.51	5
aaa	-	-	.15	
bbb	-	-	.08	
ccc	-	-	.10	
ddd	-	-	.12	

TOP VIEW

SIDE VIEW

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETERS
 DECIMAL ANGULAR
 .XX ±0.10 ±1°
 .XXX ±0.05
 .XXX ±0.03



6024 SILVER CREEK VALLEY ROAD
 San Jose, CA 95138
 PHONE: (408) 284-8200
 FAX: (408) 284-2775

APPROVALS
 DRAWN *BP*
 CHECKED

DATE

12/15/13

BP/BPG256 PACKAGE OUTLINE
 17.0 x 17.0 mm BODY CABGA

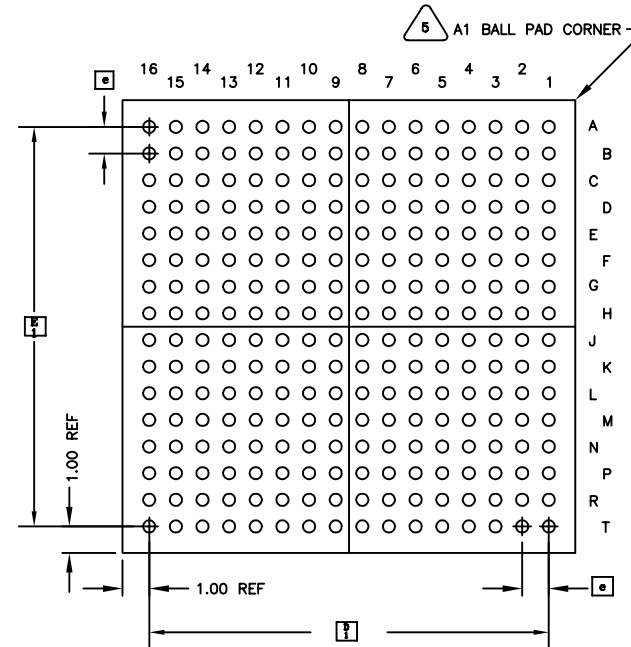
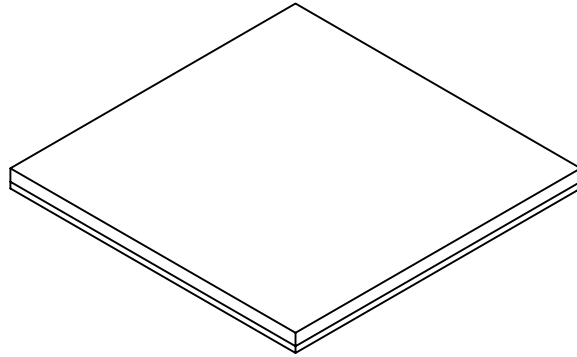
DRAWING No.
 PSC-4126

SIZE SCALE REV
 C N/A 02

DO NOT SCALE DRAWING



SHEET 1 OF 3


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
01	COMBINE POD & LAND PATTERN	5/14/13	RC
02	UPDATE TO REVISION 2 IN DCP	12/5/14	RC



BOTTOM VIEW
256 SOLDER BALLS

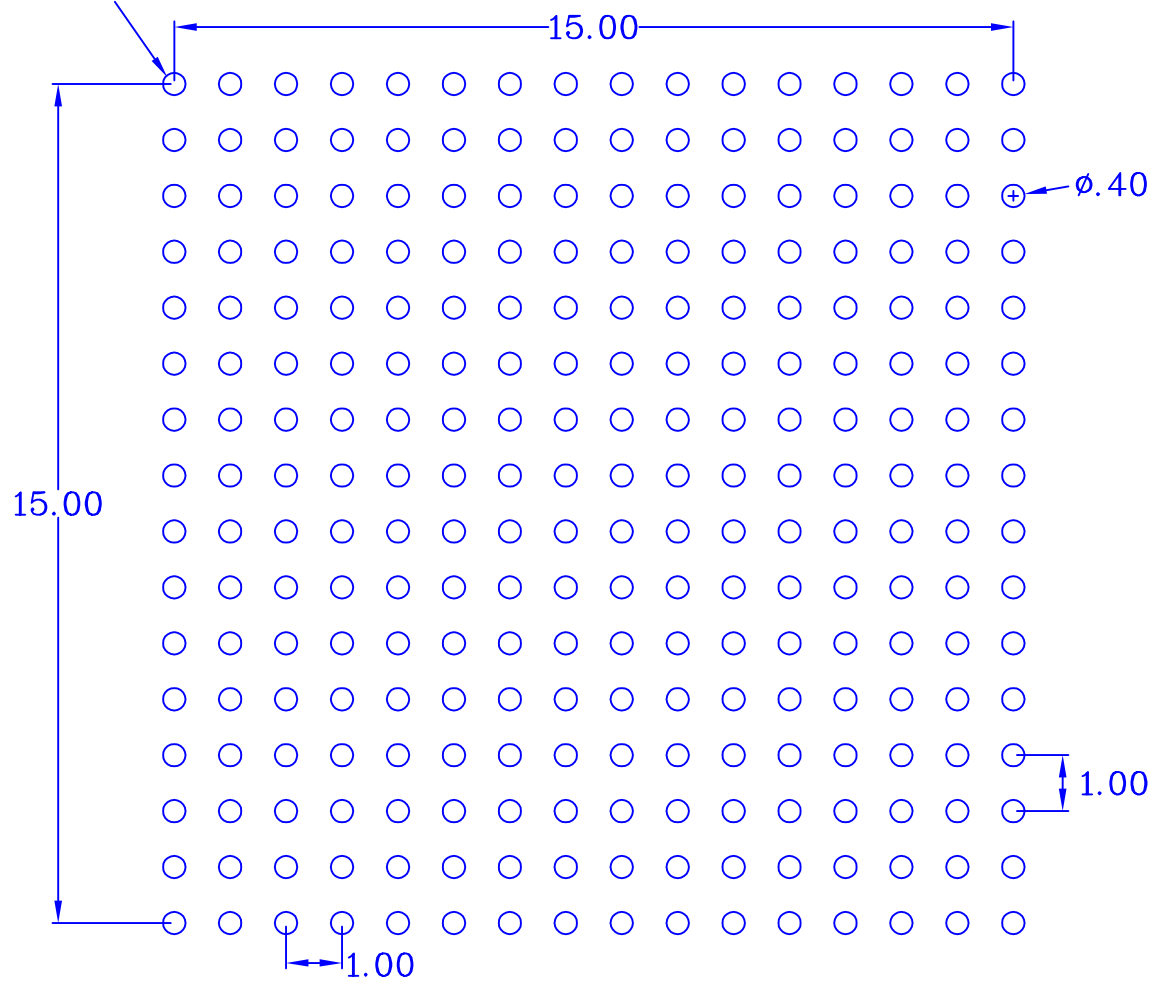
NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.
- "e" REPRESENTS THE BASIC SOLDER BALL GRID PITCH.
- "MD" IS THE MAXIMUM SOLDER BALL MATRIX SIZE IN THE "D" DIRECTION.
"ME" IS THE MAXIMUM SOLDER BALL MATRIX SIZE IN THE "E" DIRECTION.
"N" IS THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS.
-  DIMENSION "b" IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM Z.
-  PRIMARY DATUM Z AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
- "A1" ID CORNER MUST BE IDENTIFIED. IDENTIFICATION MAY BE BY MEANS OF CHAMFER, METALLIZED OR INK MARK, INDENTATION OR OTHER FEATURE OF THE PACKAGE BODY.
- ALL DIMENSIONS ARE IN MILLIMETERS.
- THIS DRAWING CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MO-192 VARIATION DAF-1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		 IDT www.IDT.com 6024 SILVER CREEK VALLEY ROAD San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-2775		
DECIMAL	ANGULAR			
XX ±0.10	±1°			
XXX ±0.05				
XXXX ±0.03				
APPROVALS	DATE	BP/BPG256 PACKAGE OUTLINE 17.0 x 17.0 mm BODY CABGA		
DRAWN <i>BP</i>	12/15/03			
CHECKED				
DRAWING No.		SIZE	SCALE	REV
PSC-4126		C	N/A	02
DO NOT SCALE DRAWING				SHEET 2 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
01	COMBINE POD & LAND PATTERN	05/14/13	RC
02	UPDATE TO REVISION 2 IN DCP	12/5/14	RC

"A1" ID CORNER



RECOMMENDED LAND PATTERN DIMENSION (mm)

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DECIMAL	ANGULAR	PHONE: (408) 284-8200 FAX: (408) 284-2775	
XX ±0.10	±1°	BP/BPG256 PACKAGE OUTLINE 17.0 x 17.0 mm BODY CABGA	
XXX ±0.05			
XXXX ±0.03		DRAWING No. PSC-4126	
APPROVALS	DATE	SIZE	SCALE
DRAWN <i>BP</i>	12/15/03	C	N/A
CHECKED		REV	02
DO NOT SCALE DRAWING			SHEET 3 OF 3